



PROJECT LOCATIONS	
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B	Roberts Road - Bridge Replacement

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STREET PROGRAM

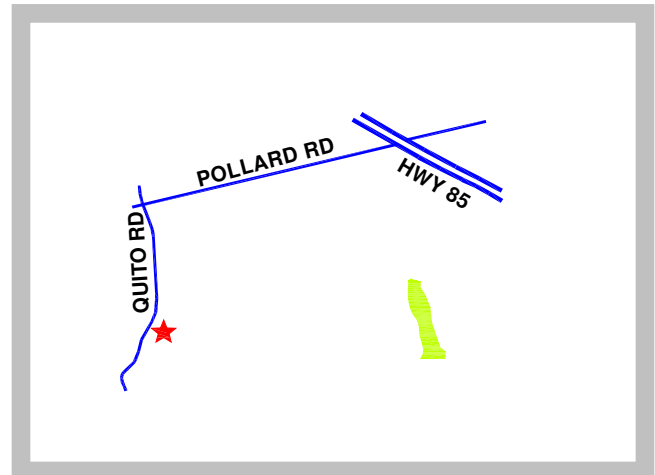
Bridge Projects

The Street Program's *Bridge Projects Section* contains Capital Improvement Program projects that repair, replace, or rehabilitate a deficient bridge structure as the primary scope of work.

Bridge structure safety falls under the guidance of state and federal regulations, and bridge projects are often driven by available funding from these jurisdictions, such as Caltrans grant programs or the Federal Highway Bridge Replacement and Rehabilitation (HBRR) program. Los Gatos does not have a designated funding source for repairing, maintaining, and improving the Town's bridges, and relies upon grant programs for major bridge improvement projects.

BRIDGE PROJECTS SUMMARY

	Expended Through 2008/09	Estimated Carryfwd 2009/10	2009/10 Budget	2010/11 Budget	2011/12 Budget	2012/13 Budget	2013/14 Budget	Total Budgeted
<i>Carryforward Projects</i>								-
0802 Roberts Rd - Bridge Replacement	280,195	1,717,821	188,000	-	-	-	-	2,186,016
0801 Quito Rd - Bridge Replacement	32,038	123,730	-	-	-	-	-	155,768
Total Bridge Projects	312,233	1,841,551	188,000	-	-	-	-	2,341,784



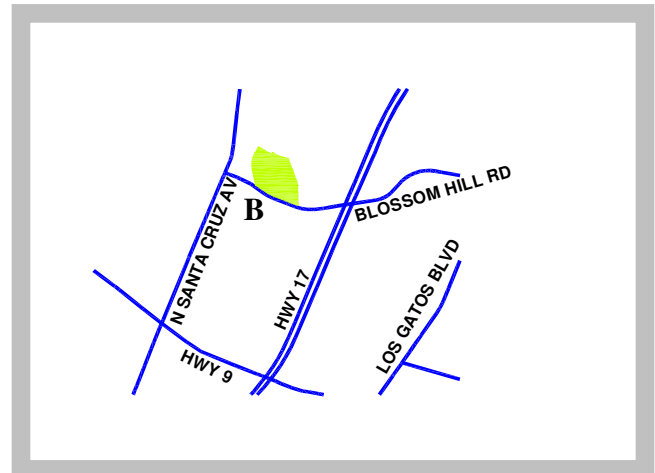
Project Name	Quito Road - Bridge Replacement	Project Number	818-0801
Department	Parks & Public Works	Project Manager	Town Engineer: Kevin Rohani
Description	This project funds the Town's portion of the replacement cost for two bridges on Quito Road to improve roadway safety and provide adequate storm water flow capacity in the creek under the bridge.		
Location	The two Quito Road bridges span a tributary known as San Tomas Aquino Creek. The bridges are located on Quito Road in the vicinity of Old Adobe Road, approximately 1½ miles north of Los Gatos-Saratoga Road (Highway 9), on the common boundary line between the City of Saratoga and the Town of Los Gatos.		
Project Background	<p>San Tomas Aquino Creek is under the jurisdiction and control of the Santa Clara Valley Water District (SCVWD) with Saratoga and Los Gatos sharing responsibility for the two bridges to be replaced. Both bridges are approximately ninety years old and are classified "structurally deficient" per Caltrans guidelines. In addition, both bridges are not adequate to receive 100-year flood flows.</p> <p>In 2001, the City of Saratoga, the project sponsor, secured partial funding (80%) through the Federal Highway Bridge Replacement and Rehabilitation (HBRR) program to replace both bridges with wider span structures that will allow the 100-year design flow to pass underneath. Saratoga agreed to oversee the design, environmental, right-of-way acquisition, and construction services for the project. The three local agencies agreed to share the duties and responsibilities for the project and the remaining 20% local match-funding requirement.</p> <p>As this project evolved, it was determined that Quito Road would require reconstruction at each end of the bridges, which in turn required additional right-of-way acquisitions and environmental reviews under both CEQA and NEPA. This required a redesign of the project, and increased the estimated costs. The City of Saratoga is planning to request additional funding from Caltrans due to these substantial cost increases. Saratoga is also planning to go through a property condemnation process to acquire the right of way needed for the project. The original funding has been largely expended, and further work is on hold until Saratoga secures additional funding. It is not anticipated that any construction work will take place on these bridges for the next 2 years.</p>		
Operating Budget Impacts	Engineering staff time for coordination of this project with the City of Saratoga is incorporated into the operating budget. Completion of this project will mitigate the potential cost of lawsuits from bridge failure and pre-empt the cost of replacing the bridge in an emergency situation.		

STREET PROGRAM

Bridge Projects

Project Components & Estimated Timeline	Jan, 2000	Grant Funding	The City of Saratoga obtained grant funding from the Federal Highway Bridge Replacement and Rehabilitation (HBRR) program.
	Oct, 2000	Cooperative Agreement	Council approved a cooperative agreement with the City of Saratoga and SCVWD for the replacement of the two bridges.
	Feb - May, 2002	Preliminary Design	City of Saratoga provided preliminary design.
	2010	Right of way	Right of way acquisition process is ongoing and involves condemnation.
	2011	Final Design	If all legal and funding issues are settled, the final design will begin in 2010.
	2014	Estimated Completion	

QUITO ROAD - BRIDGE REPLACEMENT									Project 818-0801
	Prior Yrs Actuals	2008/09 Estimated	Estimated Carryfwd to 2009/10	2009/10 Budget	2010/11 Planned	2011/12 Planned	2012/13 Planned	2013/14 Planned	Total Project
SOURCE OF FUNDS									
GFAR	32,038	-	123,730	-	-	-	-	-	155,768
TOTAL SOURCE OF FUNDS	32,038	-	123,730	-	-	-	-	-	155,768
	Prior Yrs Actuals	2008/09 Estimated	Estimated Carryfwd to 2009/10	2009/10 Budget	2010/11 Planned	2011/12 Planned	2012/13 Planned	2013/14 Planned	Total Project
USE OF FUNDS									
GFAR									
Salaries and Benefits	-	-	-	-	-	-	-	-	-
Services/Supplies/Equipment	-	-	-	-	-	-	-	-	-
Site Acquisition & Preparation	-	-	-	-	-	-	-	-	-
Consultant Services	-	-	-	-	-	-	-	-	-
Project Construction Expenses	32,038	-	123,730	-	-	-	-	-	155,768
TOTAL GFAR	32,038	-	123,730	-	-	-	-	-	155,768
TOTAL USE OF FUNDS	32,038	-	123,730	-	-	-	-	-	155,768



Project Name Roberts Road - Bridge Replacement

Project Number 818-0802

Department Parks & Public Works

Project Manager Town Engineer: Kevin Rohani

Description This project funds the replacement of Roberts Road Bridge to improve roadway safety and provide adequate water flow capacity.

Location The Roberts Road bridge is 19 feet wide by 78 feet long, spanning across Los Gatos Creek, approximately ¼ mile south of Blossom Hill Road.

Project Background Roberts Road bridge was built in 1918 and used as a thoroughfare across Los Gatos Creek until Blossom Hill Road was extended in the early 1960s. Since then, the bridge had been used mainly by surrounding residents. Caltrans inspected the bridge in 2004 and determined the almost 90-year-old bridge is structurally deficient per Caltrans guidelines, with substantial erosion and cracks in the structure. Of further concern are the utility lines (sewer, water, gas) which are transported across the creek on the bridge structure, meaning a structural failure would have detrimental impacts to the community and the creek.

In 2005, Council directed staff to close the bridge to vehicular traffic, and pursue bridge funding to replace the bridge with a new structure. Caltrans's funding process is two-phased: first, the design is approved then the construction. The Town has received notification from Caltrans that funding for the bridge's design is approved. The local matching funds requirement for the Caltrans grant is funded by GFAR in this CIP.

Replacement of the bridge was estimated to cost \$2.0 million in 2005, including design, permit review and process, and administration costs. This is the best cost estimate with some inflation, but once the construction phase is reached, the final cost estimate will be updated.

The bridge replacement will provide a proper width to improve sight distance and traffic safety, placement of the utility lines inside the structure, and seismic protection. The new bridge will be a single span structure, without a column in the middle of the creek like the existing structure thereby eliminating the existing foundation scouring and erosion problems.

Staff is currently coordinating with utility companies to finalize structural design of the bridge to incorporate utilities into the new structure.

Operating Budget Impacts Engineering staff time for oversight of this project is included in the operating budget. Potential legal costs from injuries and lawsuits resulting from a failed bridge structure would be eliminated with a bridge replacement.

STREET PROGRAM

Bridge Projects

Project Components & Estimated Timeline	Nov, 2004	Bridge assessment	Caltrans determined that bridge is structurally insufficient.
	Dec, 2005	Council direction	Council directed staff to pursue Caltrans grant funding for replacement of Roberts Road Bridge.
	Feb, 2007	Funding Notice	Caltrans approved the grant application and funding for the design stage of this project.
	Apr, 2007 – Sep, 2009	Project Design Phase	The project design and processing will take approximately 18 to 24 months.
	Apr, 2010 – Jun, 2011	Project Construction Phase	Obtain Caltrans funding approval for construction, then begin construction.
	Jun, 2011	Completion	

ROBERTS ROAD - BRIDGE REPLACEMENT									Project 818-0802
	Prior Yrs Actuals	2008/09 Estimated	Estimated Carryfwd to 2009/10	2009/10 Budget	2010/11 Planned	2011/12 Planned	2012/13 Planned	2013/14 Planned	Total Project
SOURCE OF FUNDS									
GFAR	12,044	925	291,446	-	-	-	-	-	304,415
GRANTS & AWARDS	175,377	91,848	1,426,375	188,000	-	-	-	-	1,881,600
TOTAL SOURCE OF FUNDS	187,422	92,773	1,717,821	188,000	-	-	-	-	2,186,016
	Prior Yrs Actuals	2008/09 Estimated	Estimated Carryfwd to 2009/10	2009/10 Budget	2010/11 Planned	2011/12 Planned	2012/13 Planned	2013/14 Planned	Total Project
USE OF FUNDS									
GFAR									
Salaries and Benefits	-	-	-	-	-	-	-	-	-
Services/Supplies/Equipment	-	-	-	-	-	-	-	-	-
Site Acquisition & Preparation	-	-	-	-	-	-	-	-	-
Consultant Services	-	-	-	-	-	-	-	-	-
Project Construction Expenses	12,044	925	291,446	-	-	-	-	-	304,415
TOTAL GFAR	12,044	925	291,446	-	-	-	-	-	304,415
GRANTS & AWARDS									
Salaries and Benefits	-	-	-	-	-	-	-	-	-
Services/Supplies/Equipment	-	-	-	-	-	-	-	-	-
Site Acquisition & Preparation	-	-	-	-	-	-	-	-	-
Consultant Services	-	-	-	-	-	-	-	-	-
Project Construction Expenses	175,377	91,848	1,426,375	188,000	-	-	-	-	1,881,600
TOTAL GRANTS & AWARDS	175,377	91,848	1,426,375	188,000	-	-	-	-	1,881,600
TOTAL USE OF FUNDS	187,422	92,773	1,717,821	188,000	-	-	-	-	2,186,016

